

Docket No. 242650US0CONT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Wolf-Ruediger SCHAEBITZ, et al.

SERIAL NO: 10/659,295

GAU: 1614

FILED: September 11, 2003

EXAMINER:

FOR: METHODS OF TREATING NEUROLOGICAL CONDITIONS WITH HEMATOPOIETIC GROWTH FACTORS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

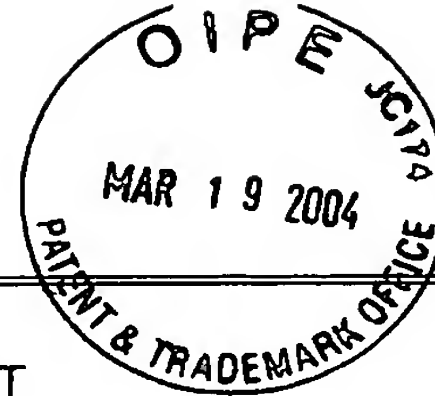
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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
242650US0CONTSERIAL NO.  
10/659,295

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Wolf-Ruediger SCHAEBITZ, et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	US 2002/0198250	12/26/02	Chajut			
	AB	5,599,690	02/04/97	Fenton, et al.			
	AC	4,810,643	03/07/89	Souza			
	AD						
	AE						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	WO 02/22163A1	03/21/02	WIPO (English Abstract)		
	AP	05246885	09/24/93	JAPAN (English Abstract)		
	AQ	WO 87/01132	02/26/87	WIPO		
	AR	WO 99/17798	04/15/99	WIPO		
	AS	EP 1 327 449	07/16/03	EUROPE		
	AT	JP1992000357539	09/24/91	JAPAN		
	AU	WO 02/099081	12/12/02	WIPO		
	AV	WO 00/44785	08/03/00	WIPO		

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Tarkowski, et al, "Local and systemic GM-CSF increase in Alzheimer's disease and vascular dementia", Acta Neurol Scand, 2001:103: 166-174				
	AX	Tarkowski, et al., "Intrathecal release of pro- and anti-inflammatory cytokines during stroke", Clin Exp Immunol, 1997;110:492-499				
	AY	Tarkowski, et al., "Intrathecal Expression of Proteins Regulating Apoptosis in Acute Stroke", Apoptosis During Stroke, February 1999				
	AZ	Heard, et al., "Effect of prophylactic administration of recombinant human granulocyte colony-stimulating factor (filgrastim) on the frequency of nosocomial infections in patients with acute traumatic brain injury or cerebral hemorrhage", Crit Care Med, 1998, Vol. 26, No. 4, pp. 748-754			<input type="checkbox"/> Additional References sheet(s) attached	

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BO	WO 99/61445	12/02/99	WIPO		
	BP	WO 99/61446	12/02/99	WIPO		
	BQ	WO 00/04926	02/03/00	WIPO		
	BR	WO 00/44785	08/03/00	WIPO		
	BS	DE 100 33 219 A1	01/24/02	GERMANY w/English Translation		
	BT	EP 0 327 545 B2	09/23/87	EUROPE		
	BU					
	BV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	BW	Patterson, "The emerging neuropoietic cytokine family: first CDF/LIF, CNTF and IL-6; next ONC, MGF, GCSF?, Current Biology, Ltd. Vol. 2, No. 1, (1992)				
	BX	Konishi, et al., "Trophic effect of erythropoietin and other hematopoietic factors on central cholinergic neurons in vitro and in vivo", Brain Research, 609, (1993), pp. 29-35.				
	BY	Zavala, et al., "G-CSF Therapy of Ongoing Experimental Allergic Encephalomyelitis Via Chemokine- and Cytokine-Based Immune Deviation", Article by the American Association of Immunologists" (2002), pp. 2011-2019				
	BZ	Suzumara, et al., "Selective induction of interleukin-6 in mouse microglia by granulocyte-macrophage colony-stimulating factor", Brain Research, 713 (1996), pp. 192-198				<input type="checkbox"/> Additional References sheet(s) attached

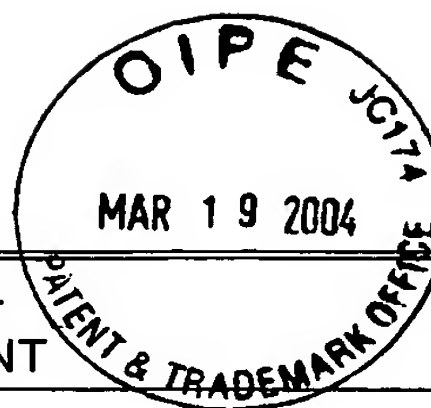
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LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Wolf-Ruediger SCHAEBITZ, et al.			
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	CS						
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	CU						
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	CW	Lee, et al., "GM-CSF Promotes Proliferation of Human Fetal and Adult Microglia in Primary Cultures", GLIA 12:309-318 (1994)					
	CX	Guillemin, et al., "Granulocyte Macrophage Colony Stimulating Factor Stimulates In Vitro Proliferation of Astrocytes Derived From Simian Mature Brains", GLIA, 16:71-80 (1996)					
	CY	Dame, et al., "The Distribution of Granulocyte-Macrophage Colony-Stimulating Factor and its Receptor in the Developing Human Fetus", Pediatric Research, Vol. 46, No. 4, (1999), pp. 358-366					
	CZ	Dame, et al., "The effect of interleukin-1 $\beta$ (IL-1 $\beta$ ) and tumor necrosis factor- $\alpha$ (TNF- $\alpha$ ) on granulocyte macrophage-colony stimulating factor (GM-CSF) production by neuronal precursor cells", Eur. Cytokine Netw, Vol. 13, No. 1, March 2002, pp. 128-33				<input type="checkbox"/> Additional References sheet(s) attached	
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	DP					
	DQ					
	DR					
	DS					
	DT					
	DU					
	DV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	DW	Baldwin, et al., "Identification and Characterization of a High-Affinity Granulocyte-Macrophage Colony-Stimulating Factor Receptor on Primary Rat Oligodendrocytes", Blood, Vol. 82, No. 11, December 1, 1993, pp. 3279-3282				
	DX	Konishi, et al., "Trophic effect of erythropoietin and other hematopoietic factors on central cholinergic neurons in vitro and in vivo", Brain Research, 609 (1993) 29-35				
	DY					
	DZ				<input type="checkbox"/> Additional References sheet(s) attached	

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